

Listing of Claims

This Listing of Claims shall replace all prior versions and listings of claims in the application.

1-5. (Cancelled).

6. (Currently Amended) A method for treating an area having a need for dust control ~~or~~ and soil stabilization, comprising:

applying to an area in need of ~~at least one of~~ dust control and soil stabilization an effective amount of an aqueous dust control and soil stabilizing composition comprising a dissolved sugar solid, wherein said dissolved sugar solid comprises at least one monosaccharide.

7. (Previously Presented) The method of claim 6, including wherein said dissolved sugar solid comprises between about 2 percent to about 60 percent by weight of a monosaccharide.

8. (Previously Presented) The method of claim 6, including wherein said dissolved sugar solid comprises between about 12 percent to about 18 percent by weight of a monosaccharide.

9. (Previously Presented) The method of claim 6, including wherein said composition further comprises a hygroscopic salt.

10. (Previously Presented) The method of claim 9, including wherein said hygroscopic salt is selected from the group consisting of magnesium chloride and calcium chloride.

11. (Previously Presented) The method of claim 6, including wherein the sugar profile of said dissolved sugar solid comprises between about 2 to about 60 percent dextrose, between about 2 to about 60 percent maltose, between about 2 to about 60 percent maltotriose, and between about 15 to about 80 percent polymers of dextrose.

12. (Previously Presented) The method of claim 7, including wherein said monosaccharide comprises dextrose.

13. (Cancelled).

14. (Currently Amended) A method for treating an area having a need for dust control ~~or~~ and soil stabilization comprising:

applying to the area having a need for at least one of dust control and soil stabilization a sugar-water solution having between about 15 to about 80 percent by weight of a dissolved sugar solid, wherein said dissolved sugar solid comprises between about 2 to about 60 percent by weight of a monosaccharide;

and a salt.

15. (Previously Presented) The method of claim 14, including wherein said dissolved sugar solid comprises between about 12 to about 18 percent of said monosaccharide.

16. (Previously Presented) The method of claim 15, including wherein said salt is a hygroscopic salt.

17. (Previously Presented) The method of claim 16, including wherein said hygroscopic salt is selected from the group consisting of magnesium chloride and calcium chloride.

18-22. (Cancelled).

23. (Currently Amended) A method for treating an area having a need for dust control ~~or~~ and soil stabilization comprising:

applying to the area having a need for ~~at least one of~~ dust control and soil stabilization a composition comprising between about 5 percent to about 50 percent by weight on a dry basis of a sugar solid, wherein said sugar solid comprises at least one monosaccharide.

24. (Previously Presented) The method of claim 23, including wherein said sugar solid comprises between about 2 percent to about 60 percent by weight of a monosaccharide.

25. (Previously Presented) The method of claim 23, including wherein said composition further comprises between about 60 percent to about 90 percent by weight on a dry basis of salt.

26. (Previously Presented). The method of claim 6, 9, 10, 14 or 23, including wherein said composition further comprises lignin.

27. (Previously Presented) The method of claim 6, 9, 10, 14 or 23, including wherein said composition further comprises a tracer.

28. (Previously Presented) The method of claim 27, including wherein said tracer is a fluorescent dye.

29-35. (Cancelled).

36. (New) A method for treating an area having a need for dust control or soil stabilization, comprising:

applying to an area in need of at least one of dust control and soil stabilization an effective amount of an aqueous dust control and soil stabilizing composition comprising a dissolved sugar solid, wherein the sugar profile of said dissolved sugar solid comprises between about 2 to about 60 percent dextrose, between about 2 to about 60 percent maltose, between about 2 to about 60 percent maltotriose, and between about 15 to about 80 percent polymers of dextrose.

37. (New) A method for treating an area having a need for dust control or soil stabilization comprising:

applying to the area having a need for at least one of dust control or soil stabilization a composition comprising between about 5 percent to about 50 percent by weight on a dry basis of a sugar solid and between about 60 percent to about 90 percent on a dry basis of salt, wherein said sugar solid comprises at least one monosaccharide.

38. (New) The method of claim 36, wherein said dissolved sugar solid is selected from the group consisting of 25 Dextrose Equivalent (D.E.) corn syrup (CSU), 36 D.E. CSU, 43 D.E. CSU, and 63 D.E. CSU.

39. (New) The method of claim 37, wherein said aqueous dust control and soil stabilizing composition further comprises lignin.

40. (New) The method of claim 38, wherein said aqueous dust control and soil stabilizing composition further comprises lignin.

41. (New) The method of claim 36, wherein said dust control and soil stabilizing composition further comprises a hygroscopic salt.

42. (New) The method of claim 41, wherein said hygroscopic salt is selected from the group consisting of magnesium chloride, calcium chloride, sodium chloride, and potassium chloride.

43. (New) The method of claim 36, wherein said dust control and soil stabilizing composition further comprises a tracer.

44. (New) The method of claim 43, wherein said tracer is a fluorescent dye.

45. (New) A method for treating an area having a need for dust control or soil stabilization, comprising:

applying to an area in need of at least one of dust control and soil stabilization an effective amount of an aqueous dust control and soil stabilizing composition comprising a dissolved sugar solid and lignin, wherein said dissolved sugar solid comprises at least one monosaccharide.